WHAT IS CLAIMED IS:

1. A nucleic acid segment comprising at least 10 contiguous nucleotides from a sequence shown in Table 1 including a polymorphic site; or the complement of the segment.

2. The nucleic acid segment of claim 1, wherein the segment is less than 100 bases.

3. The nucleic acid segment of claim 1 that is DNA.

4. The nucleic acid segment of claim 1 that is RNA.

5. The segment of claim 1 that is less than 50 bases.

6. The segment of claim 1 that is less than 20 bases.

7. The segment of claim 1, wherein the polymorphic site is diallelic.

8. An allele-specific oligonucleotide that hybridizes to a sequence shown in Table 1 or its complement.

9. The allele-specific oligonucleotide of claim 8 that is a probe.

10. The allele-specific oligonucleotide of claim 9, wherein the a central position of the probe aligns with the polymorphic site in the sequence.

11. The allele-specific oligonucleotide of claim 8 that is a primer.

12. The allele-specific oligonucleotide of claim 11, wherein the 3' end of the primer aligns with the polymorphic site of the segment.

13. A method of analyzing a nucleic acid, comprising: obtaining the nucleic acid from a subject; and determining a base occupying any one of the polymorphic sites shown in Table 1.

14. The method of claim 13, wherein the determining comprises determining a set of bases occupying a set of the polymorphic sites shown in Table 1.

15. The method of claim 13, wherein the nucleic acid is obtained from a plurality of subjects, and a base occupying one of the polymorphic positions is determined in each of the subjects, and the method further comprises testing each subject for the presence of a phenotype, and correlating the presence of the phenotype with the base.